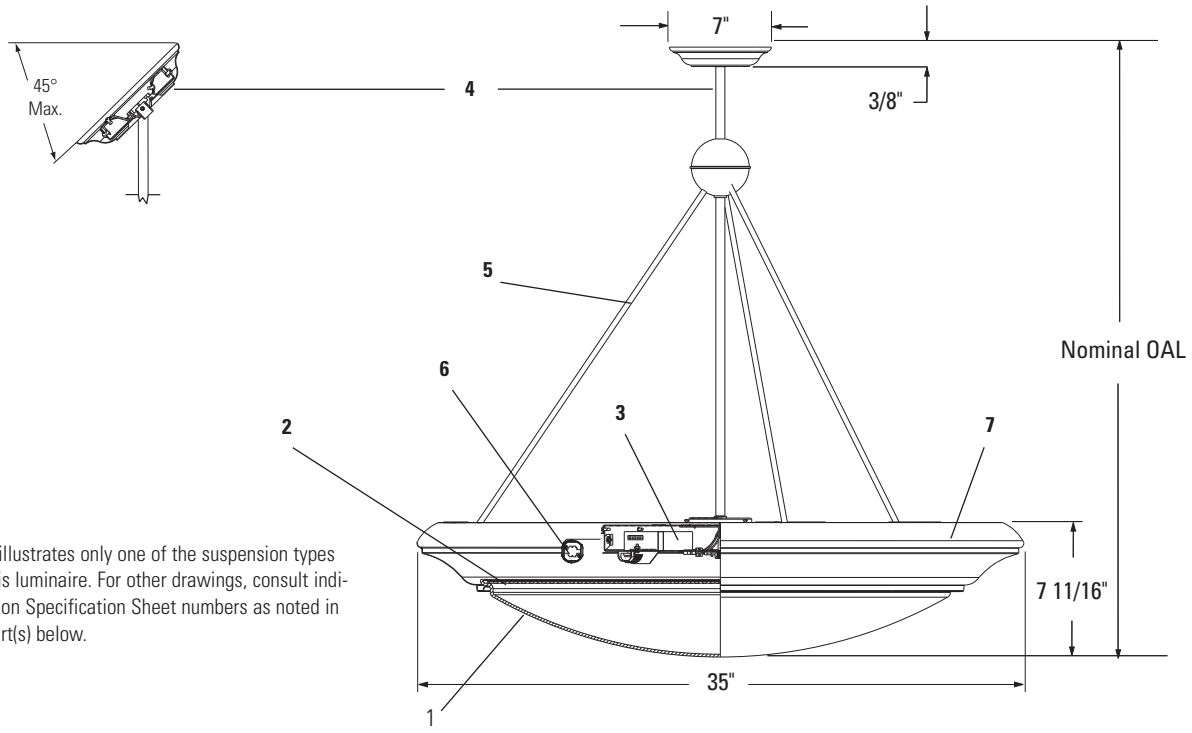
Pendalux Traditional 35" Diameter Body 6-26/32/42 Triple Tube



Note: Drawing illustrates only one of the suspension types available for this luminaire. For other drawings, consult individual Suspension Specification Sheet numbers as noted in Suspension chart(s) below.

Complete Luminaire Consists of Body and Suspension: Order Each Separately.

Body Cat. No.	Finish	Lamps	Options
4R35642APBU ▭ **4R35642ASBU** ▭	Polished Brass Satin Brass	6-26 Triple Tube Compact Fluorescent or 6-32 Triple Tube Compact Fluorescent or 6-42 Triple Tube Compact Fluorescent	D2 (26W, 120V only), E3 (347V), or EM **Add Suffix to Cat. No.**

Single Swivel Stem		Multiple to Short Swivel Stem		3 Rods to Short Swivel		Suspension Ext. Kits	
Cat. No.	**Nominal OAL**	**Cat. No.**	**Nominal OAL**	**Cat. No.**	**Nominal OAL**	**Cat. No.**	**Nominal OAL**
Specify Finish as Suffix: PB or SB		**Specify Finish as Suffix: PB or SB**		**Specify Finish as Suffix: PB or SB**		**Specify Finish as Suffix: PB or SB**	
4SB115 ▭	16 9/16"	**4ST228** ▭	29 3/8"	**4ST435** ▭	35"	**4SXT48** ▭	48"
4SB118 ▭	18" (close-to-ceiling)	**4ST235** ▭	33"	See Specification Sheet 4ST428		**4SXT96** ▭	96"
4SB121 ▭	19 5/16"	**4ST242** ▭	40 5/16"				
4SB124 ▭	25 9/16"	See Specification sheet 4ST228					
4SB128 ▭	29 3/8"						
4SB135 ▭	35"						
4SB142 ▭	40 5/16"						
See Specification Sheet(s) 4SB115, 4SB124							

Specifications

- **Suspension Size:** For optimum performance testing recommends OAL (overall length) in proportion to the Body diameter or for close-to-ceiling proportion length (see shaded cells). OAL is defined from bottom of diffuser to ceiling plane.
- **Stem Wires:** Equipped with 120" of leads with keyed connectors for quick connection to Body wiring.

Options & Accessories

D2 = Dimming Electronic Ballast, 26 Watt, 120V, only.
Replace Body Cat No. Suffix "U" with Suffix "D2".
E3 = 347V (Canada)
Replace Body Suffix "U" with Suffix "E3".
EM = Emergency Battery Pack
Add Suffix "EM" to Body Cat. No.
Multi-Level Switching: Prewired, consult wiring diagram.
Fusing: Consult Factory.
Finishes: PB = Polished Brass, **SB** = Satin Brass

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2006 Genlyte Group LLC • B0406

LIGHTOLIER®

Features

1. **Diffusing Reflector:** White translucent acrylic, 3/16" thick.
2. **Inner Dirt Shield:** White translucent acrylic, 1/8" thick.
3. **Chassis:** Steel 20 gauge, semi-gloss white powder-coat finish.
4. **Suspension:** Swivel (central) stem, 5/8" steel tube. Canopy, steel, 7" Dia. fastened internally, no exposed hardware. Permits installation on ceilings with slope of up to 45°. Complies with California Code.
5. **Rods:** Reflector Bowl is suspended from a central point on three 3/16" steel rods.
6. **Lampholder:** Multi-wattage, 4-pin, will accept either GX24q-3 or GX24q-4 lamp base.
7. **Flange Trim:** Steel 20 gauge, Plated or Painted finish.

Lamping (by others)

Compact Fluorescent: Triple Tube, 26, 32, or 42 Watts.

General Electric	Osram/Sylvania	Philips
26W Triple Tube 4-Pin F26TBX/*/A/4P	(Amalgam) Compact CF26DT/E/IN/*	Fluorescent Lamp PL-T26W/*/4P
32W Triple Tube 4-Pin F32TBX/*/A/4P	(Amalgam) Compact CF32DT/E/IN/*	Fluorescent Lamp PL-T32W/*/4P
42W Triple Tube 4-Pin F42QBK/*/A/4P	(Amalgam) Compact CF42DT/E/IN/*	Fluorescent Lamp PL-T42W/*/4P

*Manufacturers' color temperature designation.

Electrical

Ballast: Electronic, 2-Lamp HPF, Class P, Programmed Start. Universal Voltage 120/277V, Multi-Wattage 26/32/42W.

6 Lamp	26 Watt		32Watt		42Watt	
Voltage	120V	277V	120V	277V	120V	277V
Total Input Watts	168	168	210	210	279	279
Max. Line Current(amps)	2.22	0.96	1.40	2.80	1.20	1.60
Power Factor	>0.98	>0.98	>0.98	>0.98	>0.99	>0.99
Ballast Factor	1.02	1.02	0.96	0.96	0.95	0.95

THD <10% Minimum Starting Temperature: -5˚F/-20˚C

Mounting

Mounts directly to 4" outlet box, using crossbar hanger, supplied.

Labels

cULus Suitable for Damp Locations.

Application Data

35 Inch Diameter
36' x 36' x 11' Space

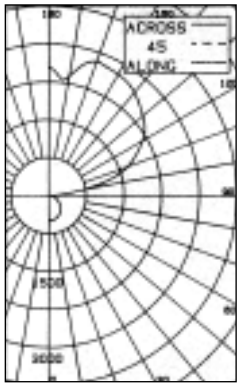
Luminaire — Spacing: 12' x 12', Susp. Dist. 35"

2 Lamps	26W TTT	32W TTT	42W TTT
Illum. (FC) Maint.	28	37	49
Lum.Ratio	8/1	8/1	8/1
Watts/Sq. Ft.	1.15	1.42	1.94

Reflectancies: 80% Ceiling, 50% Walls, 20% Floor.
Light Loss Factor = .75 (.88 BF x .85)
FC (footcandles) at 30" work plane.

CERTIFIED TEST REPORT NO. 4R35642A
COMPUTED BY LSI PROGRAM **TEST-LITE**

LIGHTOLIER INDIRECT/DIRECT PENDANT FIXTURE
CAT. #4R35642SNU, 35" DIFFUSER
6-42W T/E SYLVANIA LAMPS. LUMEN RATING = 3200 LMS.
3-ADVANCE BALLAST #ICF-2S42-M2-LD, 120 VAC



DATE: MAR. 1, 2001
PREPARED FOR:
LIGHTOLIER, FALL RIVER, MA

CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS	ANGLE	MEAN CP	LUMENS
0	495		90	44	
5	497	47	95	235	347
10	490		100	757	
15	480	136	105	1311	1339
20	468		110	1681	
25	450	208	115	1932	1913
30	430		120	2163	
35	404	253	125	2341	2083
40	373		130	2442	
45	340	263	135	2546	1973
50	304		140	2654	
55	268	240	145	2727	1707
60	231		150	2764	
65	190	190	155	2785	1290
70	154		160	2818	
75	118	126	165	2679	750
80	85		170	2401	
85	56	68	175	2363	231
90	44		180	2540	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	424	2.22	3.23
0-40	699	3.64	5.31
0-60	1246	6.48	9.47
0-90	1659	8.64	12.62
40-90	1069	5.01	7.31
60-90	414	2.16	3.15
90-180	12631	65.79	95.98
0-180	14269	74.43	100.00

** EFFICIENCY = 74.4% **

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD
%EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

	80			70			50			30			10			
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.58	.55	.53	.51	.49	.46	.37	.36	.35	.24	.24	.23	.13	.12	.12	.08
2	.51	.47	.43	.44	.41	.38	.32	.30	.28	.21	.20	.19	.11	.10	.10	.07
3	.45	.40	.36	.35	.35	.32	.29	.26	.24	.19	.17	.16	.10	.09	.09	.06
4	.39	.34	.31	.34	.30	.27	.25	.22	.20	.17	.15	.14	.09	.08	.07	.05
5	.34	.30	.26	.31	.26	.23	.22	.20	.17	.15	.13	.12	.08	.07	.06	.04
6	.31	.26	.22	.27	.23	.20	.20	.17	.15	.13	.12	.10	.07	.06	.06	.04
7	.28	.23	.19	.24	.20	.17	.18	.15	.13	.12	.10	.09	.06	.05	.05	.03
8	.25	.20	.17	.22	.18	.15	.16	.13	.11	.11	.09	.08	.06	.05	.04	.03
9	.22	.18	.14	.20	.16	.13	.15	.12	.10	.10	.08	.07	.05	.04	.04	.02
10	.20	.16	.13	.18	.14	.11	.13	.11	.09	.09	.07	.06	.05	.04	.03	.02

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

Job Information **Type:**

Lightolier a Genlyte company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2006 Genlyte Group LLC • B0406

LIGHTOLIER®